

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (previously presented) A non-stretched resin film which consists essentially of a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm , said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid.

Claim 2. (previously presented) The resin film according to claim 1, wherein the modified polyolefin resin is contained in an amount of 3 to 25 percent by volume in a volume fraction in the entire resin.

Claim 3. (previously presented) The resin film according to claim 1, wherein said thermoplastic polyester resin is a polyester containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton.

Claim 4. (previously presented) The resin film according to claim 1, wherein the thermoplastic resin contains terephthalic acid and isophthalic acid, which are dicarboxylic acid components

constituting the thermoplastic polyester resin, in a molar ratio of 97/3 to 85/15.

Claims 5 to 7. (canceled)

Claim 8. (previously presented) The resin film according to claim 1, which further comprises 5 to 40 percent by weight of a pigment.

Claim 9. (previously presented) The resin film according to claim 1, wherein the film has a thickness of 10 to 50 μm .

Claims 10 to 12 (canceled).

Claim 13. (previously presented) A resin film having a two-layer construction comprising a resin layer R1 comprising the resin film set forth in claim 1 and a resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid which is laminated to resin layer R1.

Claim 14. (previously presented) The resin film according to claim 13, wherein the resin layer R1 has a thickness of 10 to 50 μm , the resin layer R2 has a thickness of 1 to 10 μm , and a thickness ratio of the resin layer R1 to the resin layer R2 is 1 to 20.

Claim 15. (original) The resin film according to claim 13, wherein the modified polyolefin of the resin layer R2 contains 2 to 20 percent by weight of the functional group derived from carboxylic acid in terms of carboxylic acid.

Claim 16. (previously presented) The resin film according to claim 13, which further comprises 5 to 40 percent by weight of a pigment.

Claim 17. (previously presented) A resin film having a three-layer construction comprising a polyester resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton is laminated on one surface of a resin layer R1 consisting of the resin film as set forth in claim 1, and a resin layer R2 comprising modified polyolefin resin having a functional group derived from carboxylic acid is laminated on another surface of the resin layer R1.

Claim 18. (previously presented) The resin film according to claim 17, wherein the resin layer R1 has a thickness of 10 to 50 μm , the resin layer R0 has a thickness of 1 to 10 μm , the resin layer R2 has a thickness of 1 to 10 μm , a thickness ratio of the resin layer R1 to the resin layer R0 is 1 to 20, and a thickness ratio of the resin layer R1 to the resin layer R2 is 1 to 20.

Claim 19. (original) The resin film according to claim 17, wherein the modified polyolefin resin of the resin layer R2 contains 2 to 20 percent by weight of the functional group derived from carboxylic acid in terms of carboxylic acid.

Claim 20. (previously presented) The resin film according to claim 17, which further comprises 5 to 40 percent by weight of pigment is contained.

Claim 21. (previously presented) A method for manufacturing a resin film, comprising inserting the thermoplastic polyester resin containing 3 to 30 percent by weight of a granular resin with a grain diameter of 0.1 to 5 μm as set forth in claim 1 in an extruding machine as a raw material resin to melt the thermoplastic polyester resin and form a molten resin, and forming a film by extruding the molten resin from a T die.

Claim 22. (canceled)

Claim 23. (previously presented) A method for manufacturing resin film comprising inserting a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm , said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid in an extruding machine as a raw material resin

to melt the resin and form a molten resin, inserting a layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid in an extruding machine to melt the modified polyolefin resin to form a molten modified polyolefin resin, and forming a film comprising a two-layer construction by extruding the molten resin and the molten modified polyolefin resin from one T die.

Claim 24. (previously presented) A method for manufacturing a resin film comprising inserting a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm , said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid in an extruding machine as a raw material resin to melt the resin and form a molten resin, inserting a polyester resin constituting a resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton in an extruding machine to melt the polyester resin and form a molten polyester resin, inserting a resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid in an extruding machine to melt the modified polyolefin resin to form a molten polyolefin resin, and forming a film comprising a three-layer construction by extruding the molten resin, the molten polyester resin and the molten modified polyolefin resin from one T die.

Claim 25. (previously presented) A resin laminated metal sheet comprising a metal sheet and a resin film, wherein at least one surface of the metal sheet is coated with the resin film as set forth in claim 1.

Claim 26. (original) The resin laminated metal sheet according to claim 25, wherein the metal sheet is a steel sheet subjected to electrolytic chromate treatment, having a metallic chromium layer of 50 to 200 mg/m² and a chromium oxide layer of 3 to 30 mg/m² in terms of metallic chromium on the surface thereof.

Claim 27. (previously presented) The resin laminated metal sheet according to claim 25, wherein a plane orientation coefficient in a direction parallel to a film surface of the resin film is lower than 0.010.

Claim 28. (previously presented) The resin laminated metal sheet according to claim 25, wherein the resin film is formed by extruding the thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction of the entire resin of a granular resin with a grain diameter of 0.1 to 5 μ m, said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid from a T die directly on a surface of the metal sheet.

Claims 29 to 31. (canceled)

Claim 32. (previously presented) A resin laminated metal sheet comprising a metal sheet and a resin film, wherein at least one surface of the metal sheet is coated with the resin film as set forth in claim 13 so that the resin layer R2 is in contact with the metal sheet.

Claim 33. (previously presented) The resin laminated metal sheet according to claim 32, wherein a plane orientation coefficient in a direction parallel to a film surface of the resin film is lower than 0.010.

Claim 34. (previously presented) The resin laminated metal sheet according to claim 32, wherein the resin film is formed by extruding two types of resins, one of said resins constituting the resin layer R1 which comprises a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm , said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid and a resin constituting the resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid, simultaneously from one T die directly on a surface of the metal sheet.

Claim 35. (previously presented) A resin laminated metal sheet comprising a metal sheet and a resin film, wherein at least one surface of the metal sheet is coated with the resin film as

set forth in claim 17 so that the resin layer R2 is in contact with the metal sheet.

Claim 36. (previously presented) The resin laminated metal sheet according to claim 35, wherein a plane orientation coefficient in a direction parallel to a film surface of the resin film is lower than 0.010.

Claim 37. (previously presented) The resin laminated metal sheet according to claim 35, wherein the resin film is formed by extruding three types of resins, one of said resins constituting the resin layer R1 which comprises a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm , said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid, a resin constituting the resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton, and a resin constituting the resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid, simultaneously from one T die directly on the surface of metal sheet.

Claim 38. (previously presented) A method for manufacturing a resin laminated metal sheet comprising heating a metal sheet to a temperature in the range of the melting point of the thermoplastic polyester resin containing 3 to 30 percent by weight of a granular resin with a grain diameter of 0.1 to 5 μm

as set forth in claim 1 minus 70°C to the melting point thereof plus 30°C , to form a heated metal sheet, and laminating the resin film as set forth in claim 1 to the heated metal sheet.

Claim 39. (previously presented) A method for manufacturing a resin laminated metal sheet comprising heating the thermoplastic polyester resin containing 3 to 30 percent by weight of a granular resin with a grain diameter of 0.1 to 5 μm as set forth in claim 1 to a temperature in the range of the melting point of the thermoplastic polyester resin plus 10°C to the melting point thereof plus 50°C to melt the thermoplastic polyester resin, and laminating the melted thermoplastic polyester resin by directly extruding the melted thermoplastic polyester resin on a surface of a metal sheet.

Claim 40. (previously presented) A method for manufacturing a resin laminated metal sheet comprising mixing 3 to 30 percent by weight of a granular resin with a grain diameter of 0.1 to 5 μm as set forth in a claim 1 in a thermoplastic polyester resin to form a mixed resin, inserting the mixed resin in an extruding machine to melt the mixed resin and form a molten resin, and laminating the molten resin by directly extruding the molten resin on a surface of a metal sheet.

Claims 41 to 43. (canceled)

Claim 44. (previously presented) A method for manufacturing a resin laminated to a metal sheet comprising heating a metal sheet to a temperature in the range of the

melting point of thermoplastic polyester resin constituting the resin layer R1 as set forth in claim 13 minus 70°C to the melting point thereof plus 30°C to form a heated metal sheet, and laminating the resin film as set forth in claim 13 to the heated metal sheet.

Claim 45. (previously presented) A method for manufacturing a resin laminated to a metal sheet comprising heating a resin constituting the resin layer R1 as set forth in claim 13 and a resin constituting the resin layer R2 as set forth in claim 13 to a temperature in the range of the melting point of thermoplastic polyester resin of the resin layer R1 plus 10°C to the melting point thereof plus 50°C to melt resin layer R1 and resin layer R2 to form two melted resins, and extrusion laminating the two melted resins in two layers on a surface of a metal sheet.

Claim 46. (previously presented) The method for manufacturing a resin laminated metal sheet according to claim 45, wherein the resin constituting the resin layer R1 which comprises a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm , said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid and the resin constituting the resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid are inserted in separate extruding machines and are melted.

Claim 47. (previously presented) A method for manufacturing a resin laminated to a metal sheet comprising heating a metal sheet to a temperature in the range of the melting point of the thermoplastic polyester resin constituting the resin layer R1 as set forth in claim 17 minus 70°C to the melting point thereof plus 30°C to form a heated metal sheet, and laminating the resin film as set forth in claim 17 to the heated metal sheet.

Claim 48. (previously presented) A method for manufacturing a resin laminated to a metal sheet comprising heating a resin constituting the resin layer R1 as set forth in claim 17, a resin constituting the resin layer R0 as set forth in claim 17, and a resin constituting the resin layer R2 as set forth in claim 17 to a temperature in the range of the melting point of the thermoplastic polyester resin of the resin layer R1 plus 10°C to the melting point thereof plus 50°C to melt resin layer R1, resin layer R0 and resin layer R2 to form three melted resins, and extrusion laminating the three melted resins in three layers on the surface of a metal sheet.

Claim 49. (previously presented) The method for manufacturing a resin laminated metal sheet according to claim 48, wherein the resin constituting the resin layer R1 as set forth in claim 17, the resin constituting the resin layer R0 as set forth in claim 17, and the resin constituting the resin layer R2 as set forth in claim 17 are inserted in separate extruding machines and are melted.